

OFFICIAL WARWICK AMP OWNER MANUAL



Congratulations on the purchase of your new Warwick combo. Please read through these instructions before connecting and operating the device. Following the guidelines you will soon will benefit from your new Warwick amplifier. Please keep this instruction booklet handy in case you need to consult it again. Please send the PASSPORT to the address indicated therein.

INDEX

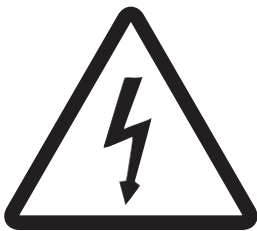
Protective Circuits	6
Sweet 15.2	7
Sweet 25.1	8
Suffix	
Technical Data	9
Schematic Diagrams	
Sweet 15.2	10
Sweet 25.1	11

SAFETY HINTS

- Please read these instructions
- Please heed all warnings



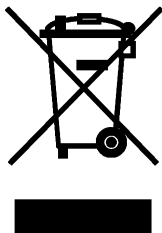
Caution: To reduce the risk of electric shock, do not open the amplifier's case. Avoid exposure to rain or moisture. No user serviceable parts inside, refer all service to a qualified technician. No vessel filled with liquids, such as vases shall be placed on top of the unit.



This symbol, wherever it appears, alerts you to the presence of dangerous non-insulated voltage inside the case. Risk of electric shock!



This symbol, wherever it appears, indicates to important operating and maintenance instructions in this user manual. Please read the manual.



This recycling logo informs the end user that it is forbidden to throw away the product in the trash. It has to be disposed of accordingly.

Weee-Nr.: DE93670540



CB Approved



GENERAL INFORMATION

For safe and reliable operation please follow these instructions:

- DO NOT open the amplifier case! You might receive an electrical shock. For any repair refer to qualified service personnel.
- Avoid dust, excessive moisture, direct sunlight and extremely high or low temperatures.
- Safeguard the device from impact. Always place the unit on a stable and horizontal surface.
- Do not block any of the ventilation openings.
- Avoid leaving the unit near radiators or other heat producing devices.
- Internal components should be adjusted or cleaned by qualified service technicians only. Make sure no object or liquid penetrates the device through its cooling vents.
- Fuse must be replaced with one of the same type and value to avoid damaging the amplifier.
- the mains cable or mains switch have been damaged,
- objects or liquids have penetrated the device,
- it has been exposed to excessive moisture,
- malfunctions or abnormal operating conditions have occurred,
- the device has been dropped or the case has been damaged.

Have the device examined by a qualified service technician in the following cases:

- Make sure the unit is plugged into a socket outlet with a protective grounding connection.
- Mains plug must be accessible at any time to disconnect it from mains in case of abnormal operation.
- If the device shows any malfunction, immediately disconnect the mains cable from the mains socket.
- Use effects pedals only between the instrument and the amplifier since these devices do not meet the electrical specifications of the effects loop.
- Unplug the unit whenever changing a fuse.
- Replace fuse only with one of the same type and value. Never bridge defective fuses.

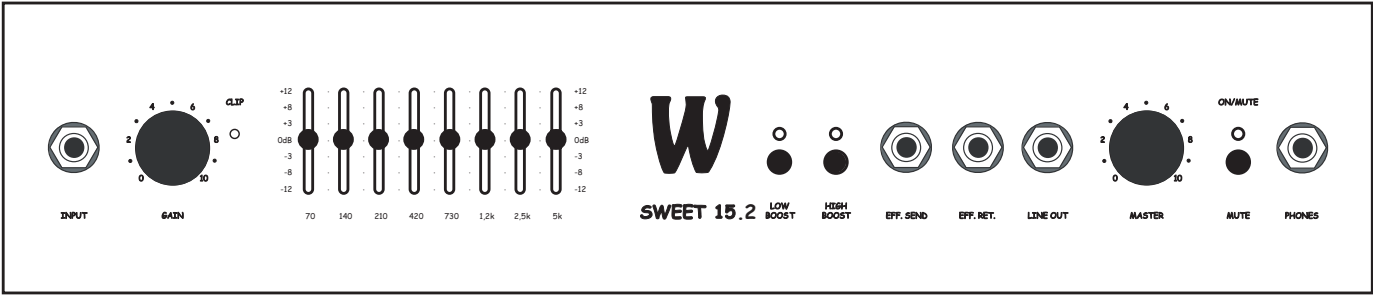
PROTECTIVE CIRCUITS

- HF oscillation:** This safety feature prevents from damages caused by frequencies above 20 kHz (feedback, etc.) by switching the power amp off.
- Temperature:** Should the temperature controlled fan cooler prove to be insufficient in extreme conditions, this circuit protects the output stage transistors from destruction by switching the device off.
- Direct current (DC):** This circuit continuously monitors the power amp output for direct current and protects the loudspeakers from overload in case a transistor burns out.

GETTING STARTED

1. Make sure that the mains lead is connected and all external devices (effects) are properly connected and working.
2. Set the **MASTER** control to zero.
3. Plug your bass guitar into the amplifier's **INPUT** using a shielded cable.
4. Press the **POWER** switch to turn the device on.
5. Switch off **MUTE** - the red LED will turn off.
6. Turn up all volume controls of your bass guitar.
7. Adjust the **GAIN** control until the clip LED flashes.
8. Set **MASTER** control to your desired volume.
9. Use the sound controls / switches to adjust the sound as described in the respective chapters FRONT PANEL CONTROLS.
10. If necessary readjust the **GAIN**.

FRONT PANEL CONTROLS



INPUT
GAIN
GRAPHIC EQ
LOW BOOST
HIGH BOOST
EFF. LOOP

socket to plug in a bass guitar.
control + CLIP LED to adjust the input level.
8 band EQ to cut / boost the respective frequencies by +/- 12 dB.
switch + LED to boost deep frequencies.
switch + LED to boost high frequencies.
for the insertion of effect units. Connect EFF. SEND with the input and EFF. RETURN with the output of the effect device.

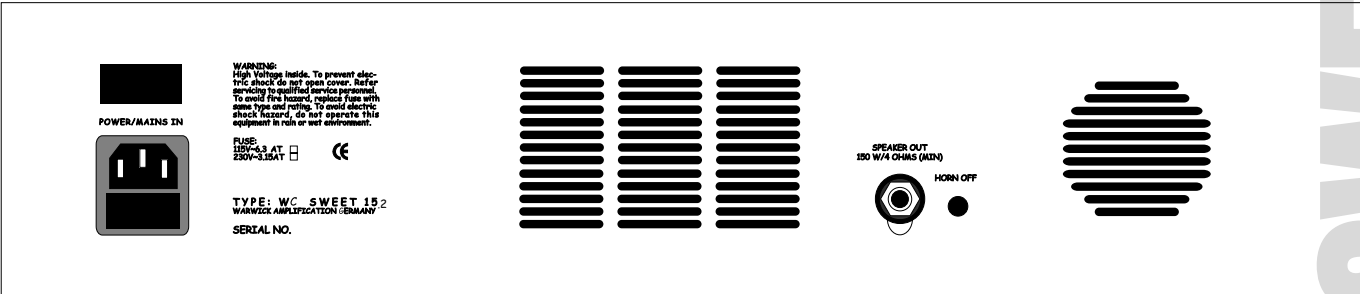
LINE OUT
MASTER
MUTE

socket allows connecting additional power amplifiers, active cabinets or a mixing console.
control determines the main level.
switch + ON / MUTE LED mutes the signal of all outputs except the PHONES socket. To avoid switching noise use the MUTE switch only when no audio signal is beeing played back.

PHONES

socket for connecting headphones (min 200 Ohm).

REAR PANEL

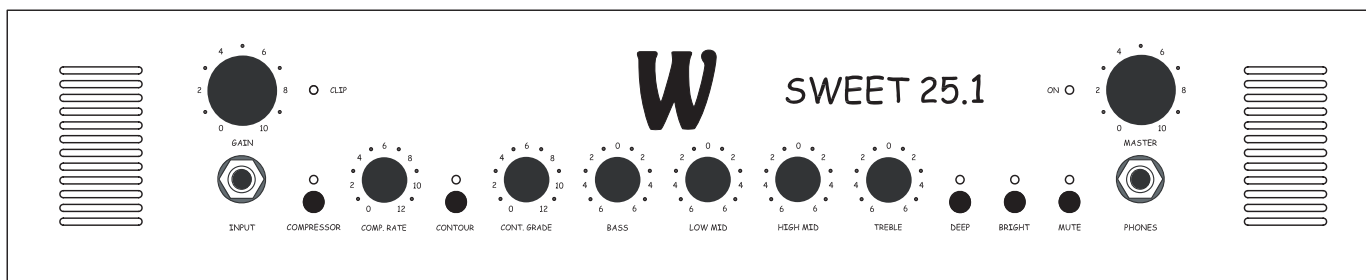


MAINS IN AC
POWER
SPEAKER OUT
HORN OFF

terminal with integrated fuse compartment for connecting the amplifier to mains.
switch for turning the amplifier on and off.
to connect the amplifier to the speaker.
switch to turn the horn off.

The rear stand allows for a 45-degree tilt of the amplifier.

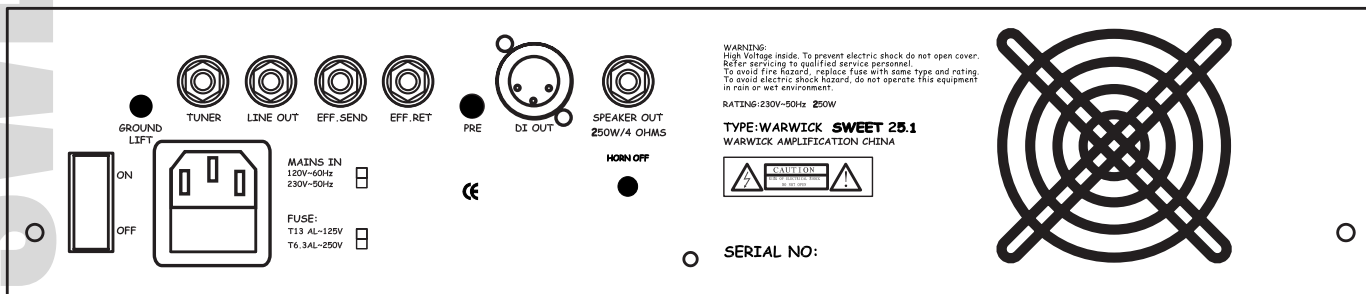
FRONT PANEL CONTROLS



GAIN
INPUT
COMPRESSOR
CONTOUR
BASS
LOW MID
HIGH MID
TREBLE
DEEP
BRIGHT
MUTE
PHONES
MASTER

control + CLIP LED to adjust the input level.
 socket to plug in a bass guitar.
 switch to turn on the compressor and control to adjust the compression rate.
 switch to turn on the contour and control to adjust the intensity. Boosts bass and treble, cuts mids.
 control to boost / cut deep frequencies.
 control to boost / cut low mid frequencies.
 control to boost / cut high mid frequencies.
 control to boost / cut high frequencies.
 switch + LED to boost low frequencies.
 switch + LED to boost high frequencies.
 switch + ON / MUTE LED mutes the signal of all outputs except the PHONES and TUNER socket. To avoid switching noise use the MUTE switch only while no audio signal is being played back.
 socket for connecting headphones (min 200 Ohm).
 control determines the main volume level.

REAR PANEL



GROUNDLIFT
TUNER OUT
LINE OUT
EFF. LOOP
DI PRE / POST
DI OUT
SPEAKER OUT
POWER
MAINS IN AC
HORN OFF

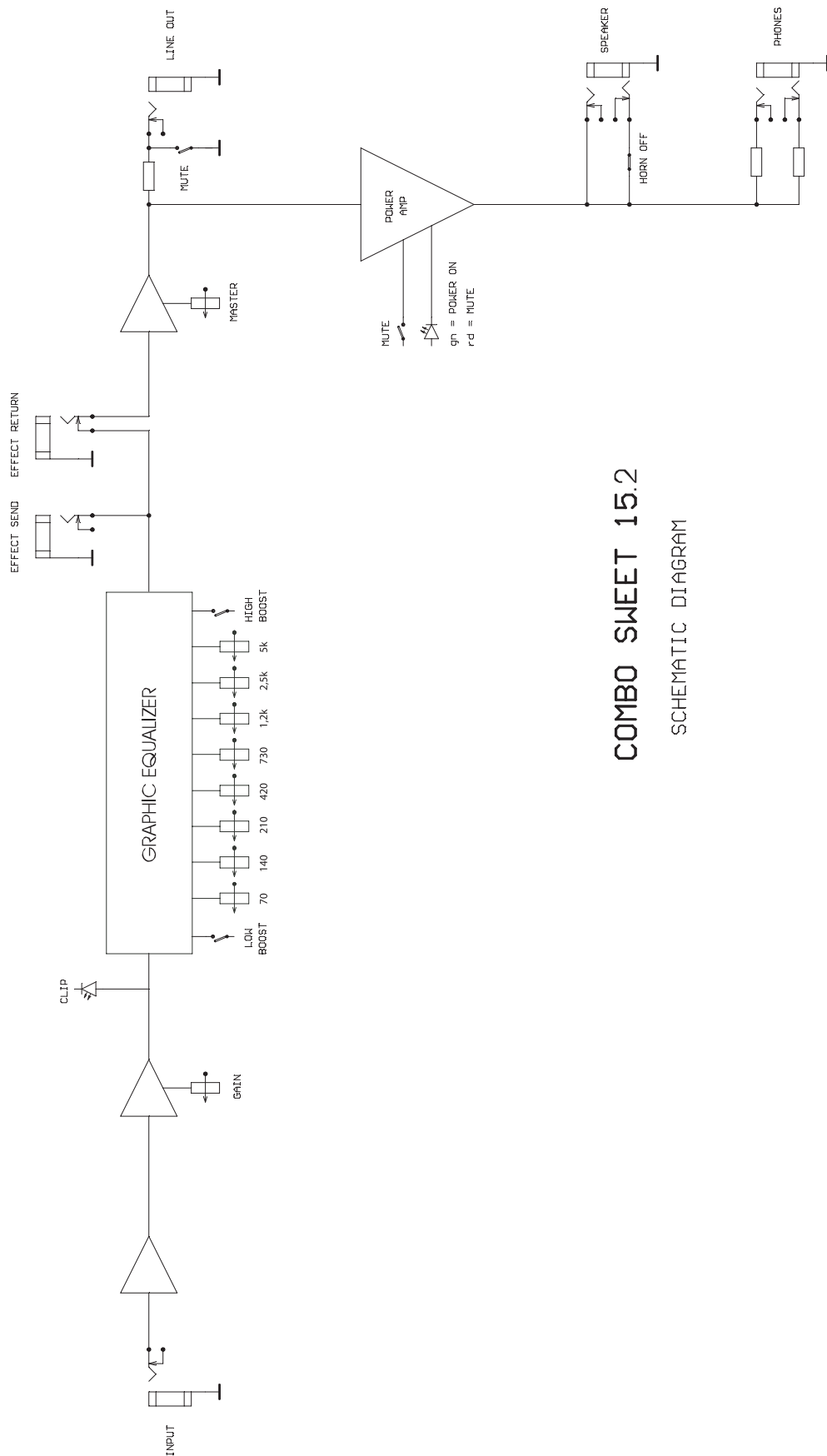
switch disconnects the protective ground line from signal ground. A humming loop may occur when several devices are hooked up to the same protective ground line and connected by line cables. Use GROUNDLIFT to eliminate humming loops.
 to connect to a tuner, active when MUTE is enabled.
 socket allows connecting additional power amplifiers or active cabinets.
 for the insertion of an effects unit. Connect EFF. SEND with the input and EFF. RETURN with the output of the effects device.
 switch to route the signal to
 socket PRE (pressed, direct signal from the bass) or POST (released, signal affected by equalizer or effects loop). Symmetric XLR out to connect to e.g. a mixing console.
 to connect the amplifier to the speaker.
 switch for turning the amplifier on and off.
 terminal with integrated fuse compartment for connecting the amplifier to mains.
 switch to turn the horn off.

The rear stand allows for a 45-degree tilt of the amplifier.

TECHNICAL DATA

	SWEET 15.2	SWEET 25.1
INPUT	25 mV	25 mV
PREAMP	transistor	transistor
POWER AMP	fan cooled	fan cooled
SPEAKER	15"	15"
EQUALIZER	8 band EQ HI / LO BOOST	BASS, HI / LO MID, TREB, VARIABLE CON- TOUR, DEEP , BRIGHT
COMPRESSOR	-	adjustable
HEADPHONE	min 200 Ohm	min 200 Ohm
EFFECT LOOP	mono serial send 0 dBu, 600 Ohm return 0 dBu, 10 kOhm	mono serial send 0 dBu, 600 Ohm return 0 dBu, 10 kOhm
REAR CONTROL	horn switch	horn switch
NOMINAL POWER	150 Watt	250 Watt
THD	< 0.1%	< 0.1%
WEIGHT (NET / GROSS, kg)	28 / 32	32 / 36
DIMENSIONS COMBO (cm)	53 x 33 x 63	54 x 34 x 70
DIMENSIONS CART. BOX (cm)	66 x 47 x 78	68 x 48 x 86

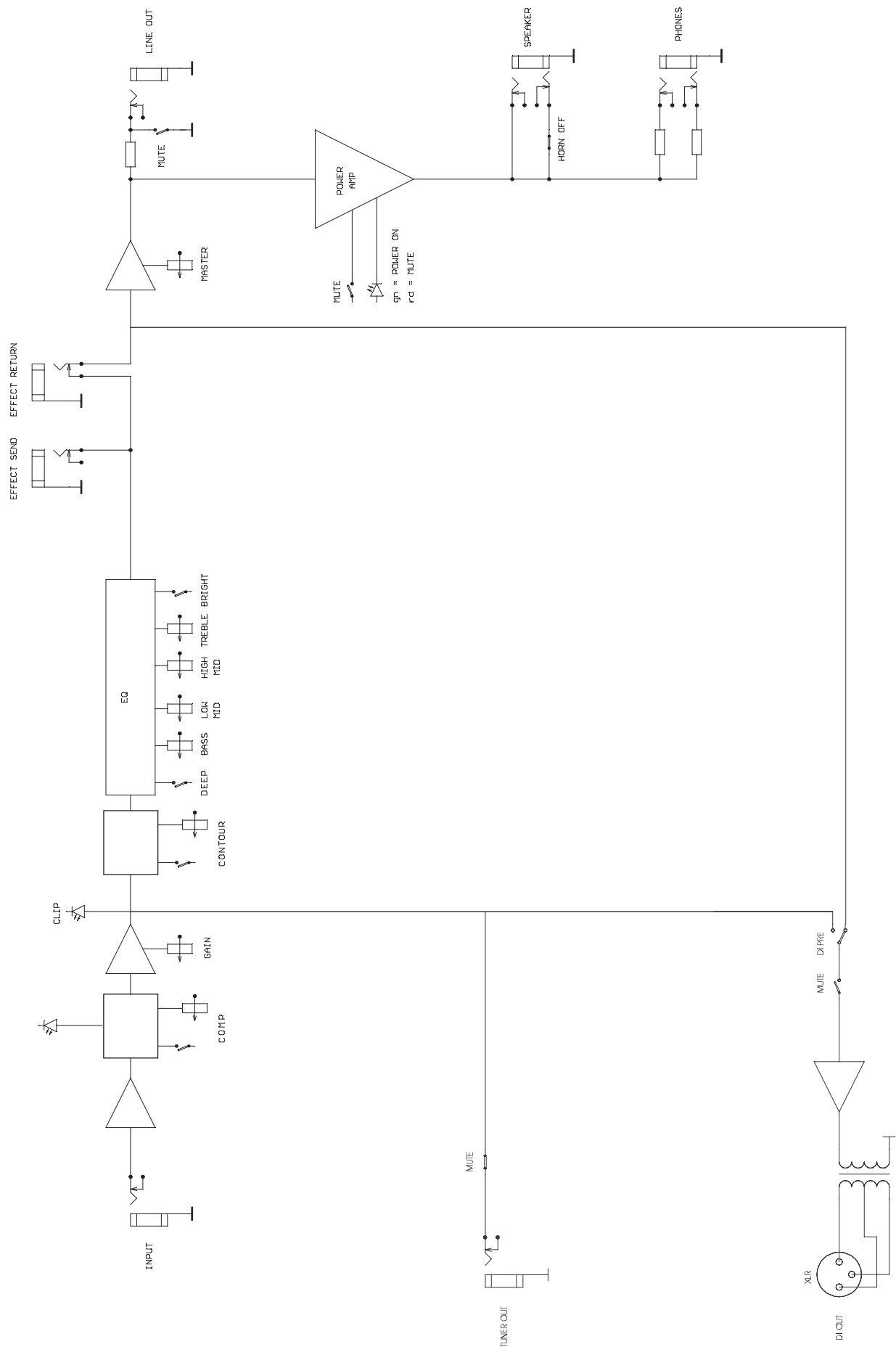
CIRCUIT DIAGRAM



COMBO SWEET 15.2

SCHEMATIC DIAGRAM

CIRCUIT DIAGRAM



SWEET 25.1

**Please see the new Warwick Bass Forum on www.warwick.de
For support information please refer to support@warwick.de**

Headquarters: Warwick GmbH&Co.Music Equipment KG • Gewerbegebiet Wohlhausen • 08258 Markneukirchen/Germany • E-Mail: info@warwick.de
Branch China: Warwick Music Equipment (Shanghai) Ltd., Co. • Shanghai Waigaoqiao Free Trade Zone • Shanghai 200131/P.R.China • E-Mail: info@warwick.cn
Branch UK: Warwick Music Equipment Trading (Manchester UK) Ltd. • 75 Bridge Street • Manchester M3 2RH / Great Britain • E-Mail: info@warwickbass.co.uk
Branch Switzerland: Warwick Music Equipment Trading (Zurich) GmbH • Kriesbachstrasse 30 • 8600 Dübendorf / Switzerland • E-Mail: info@warwick.ch
Branch CZ: Warwick Music Equipment Trading (Praha CZ) s.r.o. • Spálená 23/93 • 11000 Praha 1 / Czech Republic • E-Mail: info@warwick.cz
Visit us on the World Wide Web: <http://www.warwick.de>

